

DG

FLEXIBLE TUBE OF ENDOSCOPE

Patent number: JP11235304
Publication date: 1999-08-31
Inventor: SHIBATA YOSHINORI; NEGORO IKUO
Applicant: ASAHI OPTICAL CO LTD
Classification:
- **international:** **A61B1/00; G02B23/24; A61B1/00; G02B23/24;** (IPC1-7): A61B1/00; G02B23/24
- **european:**
Application number: JP19980038259 19980220
Priority number(s): JP19980038259 19980220

Report a data error here

Abstract of JP11235304

PROBLEM TO BE SOLVED: To provide a flexible tube of an endoscope having excellent durability such that even if it is repeatedly dipped in a strong chemical used in a disinfection and sterilizing process, wrinkling of an outer cover and constriction of a spiral tube, etc., are not caused by a twisting force and a bending force over a long period. **SOLUTION:** A plurality of slender films 2 made of a synthetic resin of good chemical resistance are aligned along the outer surface of a spiral tube 1 formed by winding material strips into a spiral form at intervals, with the films 2 spaced apart in a direction intersecting to the direction of the spiral of the spiral tube 1 and covered on their outer surfaces with a netted tube 3 formed by braiding of thin wires. Further, the outer surface of the netted tube 3 is covered with an outer cover 4 made of a synthetic resin, and the films 2 are joined to the spiral tube 1 and the netted tube 3.

Data supplied from the **esp@cenet** database - Worldwide